

Refine Search

Search Results -

Terms	Documents
L1 and L2	22

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database

Database:

EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

Recall Text


Clear


Interrupt


Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<u>L3</u>	DB=PGPB,USPT,USOC; PLUR=YES; OP=OR l1 and L2	22	<u>L3</u>
<u>L2</u>	710/301-304,100,62,2,74;713/400;326/8;714/5,7;711/115;361/684,685.ccls.	8563	<u>L2</u>
<u>L1</u>	sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	324	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	91

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L4	Refine Search
Recall Text	Clear
Interrupt	

Search History

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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side			result set
<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L4</u>	sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	91	<u>L4</u>
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>			
<u>L3</u>	l1 and L2	22	<u>L3</u>
<u>L2</u>	710/301-304,100,62,2,74;713/400;326/8;714/5,7;711/115;361/684,685.ccls.	8563	<u>L2</u>
<u>L1</u>	sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	324	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(361/684 361/685 710/301 710/302 710/303 710/304 710/100 710/62 710/2 710/74 711/115 713/400 714/5 714/7 326/8).ccls.	8563

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
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 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

Search History

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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side			result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
<u>L2</u>	710/301-304,100,62,2,74;713/400;326/8;714/5,7;711/115;361/684,685.ccls.	8563	<u>L2</u>
<u>L1</u>	sens\$3 same (remov\$3 or insert\$3 or plug\$4)same (hot or warm) same (host or computer)	324	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(710/301 710/302 710/303 710/304).ccls. and L2	17

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
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Search:

L3	<input type="button" value="Refine Search"/>
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Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)**Set Name** **Query**

side by side

Hit Count **Set Name**

result set

DB=PGPB,USPT,USOC; PLUR=YES; OP=OR

<u>L3</u>	710/301-304.ccls. and L2	17	<u>L3</u>
<u>L2</u>	L1.clm.	381	<u>L2</u>
<u>L1</u>	"memory stick"	4472	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm)same (host or computer))	0

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L5

Search History

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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side		result set	
<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L5</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm)same (host or computer))	0	<u>L5</u>
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>			
<u>L4</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm)same (host or computer))	14	<u>L4</u>
<u>L3</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (host or computer))	104	<u>L3</u>
<u>L2</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4))	213	<u>L2</u>
<u>L1</u>	710/301-304.ccls.	1284	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 same controller	47

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L2

Refine Search

Recall Text  Clear Interrupt

Search History

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Set Name Query

side by side

DB=USPT; PLUR=YES; OP=OR

Hit Count Set Name

result set

L2 11 same controller

47 L2

L1 (hot adj1 (plug\$4 or insert\$3)) same signal same switch

103 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(hot adj1 (plug\$4 or insert\$3)) same signal same switch	103

Database:

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US Patents Full-Text Database
US OCR Full-Text Database
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JPO Abstracts Database
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Search:

L1

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

DB=USPT; PLUR=YES; OP=OR

Hit Count Set Name

result set

L1 (hot adj1 (plug\$4 or insert\$3)) same signal same switch 103 L1

END OF SEARCH HISTORY

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins			
Term:	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm) same (host or computer)) <div style="position: absolute; right: -10px; top: -10px; width: 20px; height: 20px; background-color: black; color: white; text-align: center; line-height: 20px; font-size: small;">▼</div>			
Display:	10	Documents in <u>Display Format:</u>	Starting with Number	1
Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image				
<input style="margin-right: 10px;" type="button" value="Search"/> <input style="margin-right: 10px;" type="button" value="Clear"/> <input type="button" value="Interrupt"/>				

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set</u> <u>Name</u>
side by side			result set
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>			
<u>L4</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (hot or warm) same (host or computer))	14	<u>L4</u>
<u>L3</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4) same (host or computer))	104	<u>L3</u>
<u>L2</u>	L1 and (sens\$3 same (remov\$3 or insert\$3 or plug\$4))	213	<u>L2</u>
<u>L1</u>	710/301-304.ccls.	1284	<u>L1</u>

END OF SEARCH HISTORY

EAST - [Untitled1:1]

File View Edit Tools Window Help

- X
- X

Drafts Pending Active

- Drafts
- Pending
- Active
 - L1: (155) sens\$3 same (remov\$3 or insert\$3 or plug\$4)
 - L2: (13) ll and 710/301-304.ccls.
- Failed
- Saved
- Favorites
- Tagged (0)
- UDC
- Queue
- Trash

Search

DBs USPAT

Plurals

Default operator:

Highlight all hit terms initially

Search results for "sens\$3 same (remov\$3 or insert\$3 or plug\$4)" in DBs: USPAT

No hits found.

	Type	L #	Hits	Search Text	DBs	Time	Stam	Comment	Error	Definit	Er
1	BRS	L1	155	sens\$3 same (remov\$3 or insert\$3 or plug\$4)	USPA	2005/10/3	T	1 14:01			
2	BRS	L2	13	ll and 710/301-304.ccls.	USPA	2005/10/3	T	1 14:01			

EAST - [Untitled1;1]

File View Edit Tools Window Help



Drafts Pending Active L1: (155) sens\$3 same L2: (13) 11 and 710/301

Failed Saved Favorites Tagged (0)

UDC Queue Trash

Search Back Browse Group Clear

DBS USPAT

Default operator: OR

Blurbs

Highlight all hit items initially

11 and 710/301-304.ccls.

BRformat Sefformat Image Text HTML

#	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current X
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6681282	20040120	157	Online control of a multiprocessor computer	710/302	370/908
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6578099	20030610	15	Method and computer system for safely hot-plugging a component	710/301	710/303
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6442638	20020827	6	Auto enable/disable system and method for a component	710/302	
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6421755	20020716	21	System resource assignment for a hot插拔 component	710/302	
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6401157	20020604	12	Hot-pluggable component detection logic	710/302	711/115
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6269416	20010731	15	Adaptive PCI slot	710/301	
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6105089	20000315	283	Data management system for adding or exchanging components	710/302	710/18;
8	<input type="checkbox"/>	<input type="checkbox"/>	US 6058445	20000502	66	Data management method for adding or exchanging components	710/302	713/310;
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6026458	20000215	10	System with pluggable adapter card and hot-swapping mechanism	710/302	709/223;
10	<input type="checkbox"/>	<input type="checkbox"/>	US 5938751	19990817	13	Bus ring-back and voltage over-shoot reduction circuit	710/302	713/340;
11	<input type="checkbox"/>	<input type="checkbox"/>	US 5909584	19990601	11	Power interlock with a power source	713/300	714/24;

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Results for "((sens*<in>metadata) <and> (hot plug*<in>metadata))<and> (host<in&...")

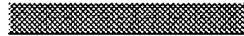
Your search matched 1 of 1250969 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance in Descending order**. e-mail [+ Search Options](#)[View Session History](#)[Modify Search](#)[New Search](#) Check to search only within this results set[» Key](#)Display Format: Citation Citation & Abstract**IEEE JNL** IEEE Journal or Magazine**IEE JNL** IEE Journal or Magazine**IEEE CNF** IEEE Conference Proceeding**IEE CNF** IEE Conference Proceeding**IEEE STD** IEEE Standard 1. **Three-wired digital interface for a large number of hot-plugged sensors**

Tsukiaishi, S.; Yamaguchi, T.;

SICE 2003 Annual Conference

Volume 2, 4-6 Aug. 2003 Page(s):1183 - 1186 Vol.2

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Three-wired digital interface for a large number of hot-plugged sensors

Tsukashi, S., Yamaguchi, I.

Kumamoto Univ., Japan

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Abstract

To gather varied information about surrounding environment in more detail, a computer should handle a large number of **sensors**. It is, however, difficult to realize such a system by conventional **sensor-to-computer** interface. We propose a common bus interface to connect those **sensors** to a **host** computer. This interface is composed of serial data bus with power supply and link layer communication protocol. It also makes the **sensor** hot-swappable. Experimental results show that a **sensor** is attachable and detachable with keeping the other **sensors** working.

Index Terms

Inspec

Controlled Indexing

[peripheral interfaces](#) [protocols](#) [sensors](#) [system buses](#)

Non-controlled Indexing

[common bus interface](#) [communication protocol](#) [hot plugged sensors](#) [sensor-computer interface](#) [serial data bus](#)
[three-wired digital interface](#)

Author Keywords

Not Available

References

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Citing Documents

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